

WST93AUSA

IN THE UNITED STATES PATENT AND	TRADEMARK OFFICE
In re the Application of) Group Art Unit:
Magdalena Blaszczyk-Thurin et al) Examiner:
Appln. No.: 09/831,047))
Filed: May 3, 2001))
For: COMPOSITIONS AND METHODS FOR TREATMENT OF CANCER) October 24, 2001)
Assistant Commissioner for Patents Washington, DC 20231	
Attn: Application Division	
Sir:	
This is in timely response to the Notifi	cation of Defective Response; t
Notice being dated October 15, 2001.	

The above-identified patent application was filed on May 3, 2001 with a computer-readable diskette and paper copy of the sequence listing. Copies of Applicants' transmittal letter and return receipt postcard are attached as Exhibit A.

A Notification of Missing Requirements dated June 15, 2001 was received by the undersigned on June 18, 2001 (herewith submitted as Exhibit B).

CERTIFICATE UNDER 37 CFR §1.8(a)

I hereby certify that this correspondence is being deposited with the United States
Postal Service with sufficient postage as first class mail in an envelope addressed to:
the Assistant Commissioner for Patents, Washington, DC 20231 on October 24, 2001

Signature	A series of the series	
Typed or prin	nted name Debra N. Gerster	neier

No Sequence Listing Error Report was received with this Notice. The undersigned attorney confirmed with Examiner Shelby Vigil during a telephone conference that only the diskette was missing from the materials filed with the application on May 3, 2001. Therefore, the undersigned attorney simply re-submitted a substitute computer readable diskette containing the sequence listing in a response to same on July 25, 2001 that was received by the U. S. Patent and Trademark Office Mailroom on July 30, 2001 (herewith submitted as Exhibit C).

In a telephonic status inquiry to the U. S. Patent and Trademark Office on August 14, 2001 Applicants and the undersigned attorney were advised that their response of July 30, 2001 was not received and made of record. Thus, the undersigned attorney once again re-submitted their response of July 30, 2001 on August 14, 2001 by the U. S. Express Mail Service to the U. S. Patent and Trademark Office as evidenced by the attached Exhibit D.

Applicants and the undersigned attorney subsequently received yet another Notification of Missing Requirements dated August 31, 2001 (herewith submitted as Exhibit E). This Notice contained a Sequence Listing Error Report. Applicants and the undersigned attorney corrected the reference to Xaa in the Sequence Listing and filed yet another response including a substitute Sequence Listing in computer readable form as well as a substitute paper copy of same. This Response was filed by the U. S. Express Mail Service to the U. S. Patent and Trademark Office on October 16, 2001 as evidenced by the attached Exhibit F.

Applicants have subsequently received a new Notification of Defective Response dated October 15, 2001 (herewith attached as Exhibit G) previously mentioned above and which has simply crossed in the mail with Applicants latest Response.

Applicants and the undersigned attorney respectfully request that the above Response filed on October 16, 2001 be entered and made of record as it is believed that this Response is in full compliance with the latest Notification of October 15, 2001. Applicants and the undersigned attorney also would like to bring to the attention of Examiner Shelby Vigil the U. S. Patent and Trademark Office error in the

filing date information indicated as June 30, 2001 on the computer-readable printout received with the Notification dated October 15, 2001. The above-identified patent application was filed on May 3, 2001 as evidenced by the attached Exhibit A. The Response filed October 16, 2001 and the computer readable diskette and paper copy of the Sequence Listing correctly identify the May 3, 2001 filing date.

The Examiner is respectfully invited to contact the undersigned attorney to discuss any further requirements necessary to complete the initial filing of the above-identified patent application.

Respectfully submitted,

HOWSON AND HOWSON Attorneys for the Applicants

Bv

Mary E. Bak Registration No. 31,215 Spring House Corporate Center Box 457 Spring House, PA 19477 Telephone: (215) 540-9206 Telefacsimile: (215) 540-5818

RECEIVED

Please type a plus sign (s) inside this box Approved for use through 10/31/2002, OMB 0651-0031 U.S. Patent and Trademark Office H.A. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid ONB control number. Application Number 09/831,047 TRANSMITTAL Filing Date May 3, 2001 **FORM** First Named Inventor Magdalena Blaszcyk-Thurin Group Art Unit (to be used for all correspondence after initial filing) **Examiner Name** Total Number of Pages in This Submission Attomey Docket Number WST93AUSA **ENCLOSURES** (check all that apply) After Allowance Communication Assignment Papers Fee Transmittal Form (for an Application) to Group Appeal Communication to Board Fee Attached Drawing(s) of Appeals and Interferences Licensing-related Papers Appeal Communication to Group Amendment / Reply (Appeal Notice, Brief, Reply Brief) Petition After Final Proprietary Information Petition to Convert to a Affidavits/declaration(s) Provisional Application Status Letter Power of Attorney, Revocation Change of Correspondence Other Enclosure(s) (please Extension of Time Request Address identify below): 2 pp. Letter Terminal Disclaimer Express Abandonment Request 2 pp. Form Pct/Do/E0/905 Request for Refund l Diskette Information Disclosure Statement CD, Number of CD(s)_ 1 copy of postcard Certified Copy of Priority Document(s) Remarks Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm HOWSON AND HOWSON Individual name Mary E. Bak Signature Way E. Bu Date July 25, 2001 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 7-25-01

Signature Date Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Lynn Brown

Typed or printed name



July 25, 2001

00270



TECH CENTER 1600/2900

PATENT	5-3-01
Serial No Doc Now Prox	_ Atty Sec Mes Lang Date 5-3-01
Inventor Magdalera Bluszczyk-Thin	Cent
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Attorney's Docket No.: WST93AUSA

TRANSMITTAL LETTER TO THE U.S. ELECTED OFFICE (EO/US) - ENTRY INTO NATIONAL STAGE UNDER 35 USC 371

5 November 1999 International Filing Date

6 November 1998 Priority Date Claires

2900

COMPOSITIONS AND METHODS FOR TREATMENT OF CANCER

Title of Invention

Magdalena Blaszczyk-Thurin and Thomas Kieber-Emmons

Applicant(s) for EOUS

PCT/US99/26277

International Application No.

Box PCT Assistant Commissioner for Patents Washington, DC 20231 Attn: EO/US

Sir

Applicant herewith submits to the United States Elected Office (EO/US) the following items under 35 USC 371:

- This express request to immediately begin national examination (1) procedures (35 USC 371(f)).
- A copy of the cover sheet for the published International (2) Application along with a copy of the specification as filed: 106 pages, including 7 pages of claims, 5 sheets of drawings, 36 pages of Sequence Listing, and a copy of the 1 page International Search Report.
- a copy of the 5 page Request form. (3)
- a first Preliminary Amendment for entry prior to calculation of (4) the filing fees.
- our check in the amount of \$796.00, covering the basic national (5) fee as set forth in 37 CFR 1.492(a)(1) and based on the first Preliminary Amendment (39 total claims, 10 independent, and no multiple dependent).

Express Mail No. ET 033649102 US

- A Second Preliminary Amendment. (6)
- Our check in the amount of \$18.00, covering the extra claim (7) fees after entry of the second Preliminary Amendment (41 total claims; 10 independent; and no multiple dependent).
- Two (2) (4 pages) executed Combined Declaration and Power (8) of Attorney forms.
- A 36 pages Sequence Listing (provided in specification). (9)
- A 3.5" computer-readable diskette. (10)
- A 1 page Statement under 37 CFR §1.821(f) and §1.825(a) and (11)(b).

Copies of the following miscellaneous items are also enclosed:

- Copy of the 4 page Demand for International Preliminary (12)Examination.
- Copy of the 4 page Written Opinion. (13)
- Copy of the 5 page International Preliminary Examination (14)Report.

Please charge any additional fees which may be required to effect entry into the National Phase and credit any overpayment to Deposit Account No. 08-3040.

Please direct all communications concerning this application to the undersigned.

Respectfully submitted,

HOWSON AND HOWSON Attorneys for the Applicants

By Mary E. Bak

Mary E. Bak

Registration No. 31,215

Spring House Corporate Center

Box 457

Spring House, PA 19477

Telephone: (215) 540-9206

Telefacsimile: (215) 540-5818

<u>__</u>}

ORIGINALLY FILED JAN Commissioner for Patents, Box PC1 States Patent and Trademark Office Washington D.C. 20231 S. APPLICATION NO ĽASZCZYK-THURIN WST93AUSA 09/831047 INTERNATIONAL APPLICATION NO PCT/US99/26277

HOWSON AND HOWSON ONE SPRING HOUSE CORPORATIO **BOX 457** 321 NORRISTOWN ROAD SPRING HOUSE, PA 19477

LA FIEDNO DATE 06 NOV 98 05 NOV 99

DATE MAILED

15 JUN 2001

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The to.	llowing items have been submitted by the	e applicant or the IB to the United States Patent and Trademark.	MICHE
Office as	 a Designated Office (37 CFR) 	1.494) = an Elected Office (37 CFR 1.495)	UE X-150/
x	U.S. Basic National Fee.	— Indication of Small Entity Status.	
	Copy of the international application.	Translation of the international application into English.	•
x	Oath or Declaration of inventors(s).	Translation of Article 19 amendments into English.	
	Copy of Article 19 amendments.	Cther:	
	Priority Document.	· -	
	The International Preliminary Examina	tion Report in English and its Annexes, if any.	
	Translation of Annexes to the Internation	and Preliminary Examination Report into English	

- Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.
 - U.S. Basic National Fee. - Copy of the international application.
- 3. The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:
 - a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
 - The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
 - b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
 - e. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date
 - The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
- d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).
- as a ** large entity small entity, including any required multiple dependent 4. Additional claim fees of \$ claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.
- 5. x Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT DO/EO/920

ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes MUST be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date 7. The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with this response.

Enclosed

PCT DO EO 917

Notice of Defective Translation

PTO-875

😦 PCT DO EO 920

FORM PCT DO EO 905 (March 2001)

Telephone 703-305-3650

09/831047

COPY OF PAPERS ORIGINALLY FILED

HIRST NAMED APPLICANT WST93AUSA SZCZYK-THURIN

HOWSON AND HOWSON ONE SPRING HOUSE CORPORATION **BOX 457** 321 NORRISTOWN ROAD SPRING HOUSE, PA 19477

INTERNATIONAL APPLICATION NO PCT/US99/26277 PRIORITY DATE TIA FIUNG DATE 06 NOV 98 05 NOV 99

DATE MARLED

NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE **DISCLOSURES**

Applicant has submitted papers under 35 U.S.C. 371 to enter the national stage in the United States of America. The items indicated below, however, are missing. The period within which to correct the deficiency noted below and avoid abandonment is set forth in the accompanying Notification.

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

- The application fails to comply with the requirements of 37 CFR 1.821-1.825.
- This application does not contain, a "Sequence Listing" as a separate part of the disclosure on paper copy or compact disc, as required by 37 CFR 1.821(c).
- A copy of the "Sequence Listing" in computer readable format has not been submitted as required by 37 CFR 1.821(e).
- A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
 - The paper copy or compact disc of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).

APPLICANT MUST PROVIDE:

- An initial or substitute computer readable form (CRF) of the "Sequence Listing."
- An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
 - A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

FOR QUESTIONS REGARDING COMPLIANCE WITH THESE REQUIREMENTS, PLEASE CALL:

- (703) 308-4216, for Rules interpretation,
- (703) 308-4212, for CRF submission help,
- (703) 287-0200, for Patentin software help.

SHELBY VIGIL.PARALEG

Telephone: 703-305-3653

FORM PCT DO/EO 920 (March 2001)



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COPY OF PAPERS ORIGINALLY FILED	TECH CENTER 1600 200
PATENT Serial No. 09/831,047 Doc. No. WST 93AUSA Att Inventor Majcalca Biaszczyk-Thyrin Clien	y/Sec mE8/16 Date 8-14-01
The following has been received in the U.S. Petent and T. pp. Spec., Claims, Abstract pp. Declaration/Power of Attorney pp. Verified Statement (Small Entry), shts. Informal Drawings Au6 shts. Formal Drawings	
pp. Assignment pp. Preliminary Amendment pp. Extension of Time pp. Information Disclosure Statement with PTO-1449 and references The Patent and Trademark Office is respectfully requested it in the outgoing mail.	2 pp. Letter 2 pp. Form PCT/Do/Ed/905 1 Distrette 1 copy of postcard
	Respectfully, HOWSON AND HOWSON



POST OFFICE TO ADDRESSEE

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HOWSON AND HOWSON

Box 457

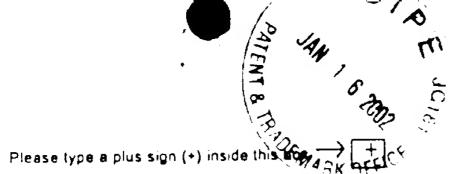
Spring Rouse, PA 19477

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Onder the Paperwork Reducti			Application Number	09/831,047
TRA	TIMENA	TAL	Filing Date	May 3, 2001
FORM (to be used for all correspondence after initial filing)		First Named Inventor	Magdalena Blaszczyk-Thui	
		Group Art Unit		
		:	Examiner Name	
Total Number of	of Pages in This Subm	nission 7	Attomey Docket Number	WST93AUSA
		ENCL	OSURES (check	call that apply)
Fee Transmittal For	m		nent Papers Application)	After Allowance Communication to Group
Fee Attached	đ	Drawing Drawing	(s)	Appeal Communication to Board of Appeals and Interferences
Amendment / Reply	у	Licensin	g-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
After Final		Petition		Proprietary Information
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Response to	Missing Parts R 1.52 or 1.53			
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	SIGNATU	IRE OF APPLI	CANT, ATTORNEY, OR	AGENT
Firm or	HOWSON AND H	IOWSON		
Individual name	Mary E. Bak			
Signature	May 8	BL		
Date	August 14, 2	2001		
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I hereby certify that this cor mail in an envelope addres	respondence is being sed to: Commissioner	deposited with the	ne United States Postal Ser shington, DC 20231 on this	vice with sufficient postage as first class date:
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on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washingt DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



	WST93AUSA CC
IN THE UNITED STATES PENTENT A	ND TRADEMARK OFFICE
In re the Application of)Group Art Unit:
Magdalena Blaszczyk-Thurin et a	Examiner:
Appln No. 09/831,047)
Filed: May 3, 2001)
For: COMPOSITIONS AND METHODS FOR TREATMENT OF CANCER))August 14, 2001

Assistant Commissioner for Patents Washington, DC 20231 Attn: Shelby Vigil, Paralegal

LETTER

Sir

In response to the Notification to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/ or Amino Acid Sequence Disclosures in the above-identified application, dated June 15, 2001, attached please find:

- the requested diskette, with the Sequence Listing in computer readable format as required by 37 CFR 1.821 (e);
- (b) a copy of this Notice; and
- (c) a copy of the USPTO receipt-stamped postcard providing evidence that the diskette was originally filed with the application.

In a telephone conference with Shelby Vigil, Applicant was advised that only the diskette was missing from the materials filed with the application on May 3, 2001.

The substitute computer readable diskette contains the same content as the paper copy of the Sequence Listing filed with the application on May 3, 2001. No new matter is contained on this diskette. Please enter this computer readable diskette into the application file. If further information is needed, the examiner or paralegal is requested to notify the undersigned at 215 540 9206.

The Director is hereby authorized to charge any deficiency or credit any overpayment in any fee due with this paper to our deposit account number 08-3040.

Respectfully submitted, HOWSON AND HOWSON Attorneys for the Applicants

Ву

Mary & Bak

Registration No. 31,215

Spring House Corporate Center

Box 457

Spring House, PA 19477

Telephone: (215) 540-9200

Telefacsimile: (215) 540-5818

WIERE.

S. APPLICATION NO BLASZCZYK-THURIN 09/831047

WST93AUSA INTERNATIONAL APPLICATION NO PCT/US99/26277

HOWSON AND HOWSON ONE SPRING HOUSE CORPORATION CENTER BOX 457 321 NORRISTOWN ROAD SPRING HOUSE, PA 19477

06 NOV 98 05 NOV 99

The factor of th NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following	items have been submitted by the applicant or the IB to t	the United States Patent and Trademark
Office as	a Designated Office (37 CFR 1.494) 🙊 an Elected	Office (37 CFR 1 495)

Indication of Small Entity Status. U.S. Basic National Fee.

Translation of the international application into English Copy of the international application. Translation of Article 19 amendments into English Oath or Declaration of inventors(s).

Copy of Article 19 amendments. Other:

Priority Document. The International Preliminary Examination Report in English and its Annexes, if any Translation of Annexes to the International Preliminary Examination Report into English

2. - Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment

U.S. Basic National Fee.

Copy of the international application

3. The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371

a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date

The ourrest translation is defective for the reasons indicated on the attached Notice of Defective

Translation. b. Processing fee for providing the translation of the application and/or the Annexes later than the

appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)). c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority

date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.

d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

small entity, including any required multiple dependent as a = large entity 4 Additional claim tees of \$ claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.

5. x Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT DO-EO 920

ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes MUST be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date. The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with this response.

PCT DO EO 917 Enclosed.

-- PTO-875

Notice of Defective Translation

¥ PCT DO EO 920

Telephone 703-305-3653

FORM PCT DO EO 905 (March 2001)

CENT.

 \Box

United States Patient and Trademerk Office 5 2002

FIRST NO. 09,831047

BLASZCZYK

FIRST NAMED APPLICANT

BLASZCZYK-THURIN

M WST93AUSA

INTERNATIONAL APPLICATION NO

HOWSON AND HOWSON ONE SPRING HOUSE CORPORATION CENTER BOX 457 321 NORRISTOWN ROAD SPRING HOUSE, PA 19477 PCT/US99/26277

TA FIGHS DATE PRIORITY DATE

05 NOV 99 06 NOV 98

3 1 2112 (157)

States Patent and Trademark Office

NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant has submitted papers under 35 U.S.C. 371 to enter the national stage in the United States of America. The items indicated below, however, are missing. The period within which to correct the deficiency noted below and avoid abandonment is set forth in the accompanying Notification.

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

 The application fails to comply with the requirements of 37 CFR 1.821-1.825.
 This application does not contain, a "Sequence Listing" as a separate part of the
disclosure on paper copy or compact disc, as required by 37 CFR 1 821(c)

- A copy of the "Sequence Listing" in computer readable format has not been submitted as required by 37 CFR 1.821(e).
- A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- The paper copy or compact disc of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).

Other:_____

APPLICANT MUST PROVIDE:

- An initial or substitute computer readable form (CRF) of the "Sequence Listing."
- An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
 - A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

FOR QUESTIONS REGARDING COMPLIANCE WITH THESE REQUIREMENTS, PLEASE CALL:

- (703) 308-4216, for Rules interpretation.
- (703) 308-4212, for CRF submission help,
- (703) 287-0200, for PatentIn software help.

SHELBY VIGIL.PARALEG

Telephone: 703-305-3653



Typed Printed Name:___

LYNN BROWN

COPY OF PAPERS ORIGINALLY FILED

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TECH CENTER 1600 2900 WST93AUSA

IN THE UNITED STATES PATEN	IT AND TRADEMARK OFFICE			
In re the Application of) Group Art Unit:			
Magdalena Blaszczyk-Thurin et al) Examiner:			
Appln. No.: 09/831047))			
Filed: May 3, 2001)			
For: COMPOSITIONS AND METHODS FOR TREATMENT OF CANCER) July 25, 2001)			
Assistant Commissioner for Patents Washington, DC 20231 Attn: Shelby Vigil, Paralegal LETTER				
Sir:				
In response to the Notification to Con	nply with Requirements for Patent			
Applications Containing Nucleotide Sequence	and/or Amino Acid Sequence			
Disclosures in the above-identified application	•			
find:				
(a) the requested diskette,	with the Sequence Listing in computer			
readable format as required by 37 CFR 1.821	(e);			
(b) a copy of this Notice; a	and			
(c) a copy of the USPTO	receipt-stamped postcard providing			
evidence that the diskette was originally filed	with the application.			
CERTIFICATE UNDER 37 CFR 1.8				
I hereby certify that this correspondence is being deposited with the United				
Service with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231 on July 25				
\rightarrow				
Signature Sum DMM				

In a telephone conference with Shelby Vigil, Applicant was advised that only the diskette was missing from the materials filed with the application on May 3, 2001.

The substitute computer readable diskette contains the same content as the paper copy of the Sequence Listing filed with the application on May 3, 2001. No new matter is contained on this diskette. Please enter this computer readable diskette into the application file. If further information is needed, the examiner or paralegal is requested to notify the undersigned at 215 540 9206.

The Director is hereby authorized to charge any deficiency or credit any overpayment in any fee due with this paper to our deposit account number 08-3040.

Respectfully submitted,

HOWSON AND HOWSON Attorneys for Applicant

By Mary E. Balt

Registration No. 31,215

Spring House Corporate Center

Box 457

Spring House, PA 19477

(215) 540-9200

The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon pp. Spec., _____ Claims, pp. Amendment: OA dtd. ___ Abstract pp. Declaration/Power of Attorney pp. Response: OA dtd_ ____ pp. Verified Statement (Small Entry) 2 pp. Transmittal Letter ____ shts Informal Drawings ____ shts. Formal Drawings Notice of Appeal & Fee ___ pp. Assignment ____ pp. Preliminary Amendment ___ pp. Extension of Time _ ___ pp. Information Disclosure Statement with PTO-1449 and ______ references The Patent and Trademark Office is respectfully requested to place its stamp on this postal card and place it in the outgoing mail. Respectfully, HOWSON AND HOWSON

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COPY OF PAPERS ORIGINALLY FILED

WST95AUSA
IN THE UNITED SPETES RATENT AND TRADEMARK OFFICES 1600 2900 Group Art Unit:

In re the Application of

Blaszczyk-Thurin et al

Examiner:

Appln. No. 09/831,047

Filed: May 3, 2001

For: COMPOSITIONS AND METHODS

FOR TREATMENT OF CANCER October 16, 2001

Assistant Commissioner for Patents Washington, DC 20231

AMENDMENT AND STATEMENT PURSUANT TO 37 CFR §1.821(f) and (g)

Pursuant to the attached notice received from the U.S. Patent and Trademark Office that the computer-readable diskette containing the "Sequence Listing" as submitted does not comply with the requirements of 37 CFR §1.822 and/or 1.832, Applicants herewith submit a substitute Sequence Listing in computer readable form and a substitute paper copy of the Sequence Listing as required by 37 CFR §1.821-1.825.

Please enter the substitute computer readable form and attached substitute paper copy of the Sequence Listing into this application.

EXPRESS MAIL NO. ET 033633632 US

As required by 37 CFR §1.821(f), this statement affirms that to the best of my knowledge and belief that the Sequence Listing information recorded in the substitute computer readable form is identical to the substitute paper copy of the Sequence Listing. As required by 37 CFR §1.821(g), this statement affirms that to the best of my knowledge and belief this substitute Sequence Listing presents no new matter to the application as filed.

Respectfully submitted,

HOWSON AND HOWSON Attorneys for the Applicants

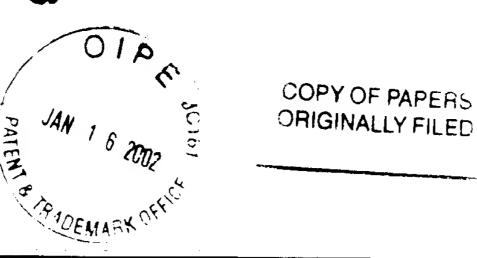
By Mary E. Bak Mary E. Bak Registration No. 31,215

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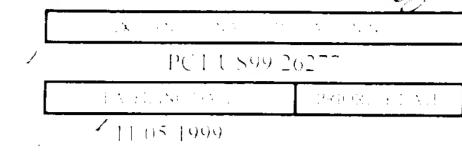
Page 1 of 2

U.S. APPLICATION NUMBER NO FIRST NAMED APPLICANT

09 831,047 Magdalena Blaszczyk-Thurin

WST934US4

00270
HOWSON AND HOWSON
ONE SPRING HOUSE CORPORATION CENTER
BOX 457
321 NORRISTOWN ROAD
SPRING HOUSE, PA 19477





Date Mailed: 10/15/2001

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1 495)

- U.S. Basic National Fee
- Indication of Small Entity Status
- Biochemical Sequence Diskette
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Oath or Declaration
- Preliminary Amendments
- Request for Immediate Examination
- Small Entity Statement

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended up to a maximum of six months.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

SHELBY J VIGIL

Telephone: (703) 305-3653

Chylan Joyan

Exhibit G

COPY OF PAPERS ORIGINALLY FILED JAN 1 6 2002 PTO/SB/21 (08-00) Approved for use through 10/31/2002, OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the aperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number. 09/831,047 Application Number TRANSMITTAL 05/03/2001 Filing Date Magdalena Blaszcz**yk-** Ihterin **FORM** First Named Inventor \mathbf{m} (to be used for all correspondence after initial filing) Group Art Unit \mathcal{L} Examiner Name WST93AUSA 23 Total Number of Pages in This Submission Attorney Docket Number **ENCLOSURES** (check all that apply) **Assignment Papers** After Allowance Communication Fee Transmittal Form (for an Application) to Group Appeal Communication to Board Fee Attached Drawing(s) of Appeals and Interferences Licensing-related Papers Appeal Communication to Group Amendment / Reply (Appeal Notice, Brief, Reply Brief) Petition After Final Proprietary Information Petition to Convert to a Affidavits/declaration(s) Provisional Application Status Letter Power of Attorney, Revocation Change of Correspondence Other Enclosure(s) (please Extension of Time Request Address identify below): Terminal Disclaimer **Express Abandonment Request** Request for Refund Information Disclosure Statement CD, Number of CD(s) Certified Copy of Priority Document(s) Remarks Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Mary E. Bak, Esquire or Howson and Howson Individual name

Date	
	CERTIFICATE OF MAILING
I hereby certify that this commail in an envelope address	spondence is being deposited with the United States Postal Service with sufficient postage as first class to: Commissioner for Patents, Washington, DC 20231 on this date: 10/24/2001
Typed or printed name	Debra N. Gerstemeier
Signature	Date

Signature

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief information Officer. U.S. Patent and Trademark Office. Washington DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents. Washington DC 20231.











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HOWSON & HOWSON SPRING HOUSE CORPORATE OF NIFR BOX 457 SPRING HOUSE, PA 19477

To

Assistant Commissioner for Patents Washington, DC 20231

ATTN: Application Division

